Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Geometrically the modulus of a complex number represents its distance from the	A. Point (1,0) B. Point (0,1) C. Point (1,1) D. Point (0,0)
2	Question Image	A. n! B. 0! C. 1 D. None of these
3	The maximum value of $\sin\theta\cos\theta$ is	A. 1 B. 1/2 C. 1/4 D. 1/6
4	Question Image	
5	The transport of a null matrix is	A. Row matrix B. Column matrix C. Square matrix D. Null matrix
6	Question Image	
7	Range of $\sin\theta$ is	
8	Which one is quadrantal angle	A. 8181710° B. 2345° C. -8181180° D. -2344°
9	Question Image	A. 0 B. 1 C. -1 D. None of these
10	Every whole number is	A. A real number B. An irrational number C. A prime number D. A negative integer
11	The number of subsets of a set having three elements is	A. 4 B. 6 C. 8 D. none of these
12	The quadratic equation $8\sec^2\theta - 6\sec\theta + 1 = 0$ has	A. Infinitely many roots B. Exactly two roots C. Exactly four roots D. No roots
13	Question Image	
14	Matrices are represented by	A. Natural numbers B. Real numbers C. Small letters D. Capital letters
15	$\sqrt[3]{8.6}$ is approximately equal to	A. 2.488 B. 2.48 C. 2.0488 D. 2.05
16	Question Image	A. a sec(ax + b) + c B. - a sec(ax + b) + c
17	Question Image	A. 0 B. 1 D. -1
18	Question Image	
		A. None-Abelian group B. Semi group

19   Group of none-singular matrices under multiplication is

C. Abelian group
D. None of these

20   The general value of θ satisfying the equation $2\sin^2\theta - 3\sin\theta - 2 = 0$ is